| Ref<br># | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--|---|---------------------|---------|------------------|
| L1       | 8    | 2003/0049372   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/01/26 13:52 |
| L2       | 6    | "20030049372"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/01/26 14:34 |
| L3       | 38   | "5607724"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/01/26 15:01 |
| L4       | 4    | "6346425".pn. "6261373".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR .                | OFF     | 2007/01/26 15:01 |
| L5       | 4    | ("5861951"   "5870189"   "6042650").<br>PN. OR ("6346425").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR                  | OFF     | 2007/01/26 15:02 |
| L6       | 7    | ("5343290"   "5448364"   "5861952"  <br>"5936726"   "5943130"   "6052183"  <br>"6346425").PN. OR ("6825437").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR                  | OFF     | 2007/01/26 15:25 |
| L7       | 2    | "20040089233"  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR                  | OFF     | 2007/01/26 15:26 |
| S1       | 1    | 10/517345  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/01/26 13:52 |
| S2       | 19   | "5338363"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2006/12/15 10:41 |

Page 1

| S3              | 31 | ("4932358"   "5000113"   "5063031"  <br>"5094885"   "5108792"   "5292393"  <br>"5292554"   "5302209"   "5317656"  <br>"5332442"   "5338363").PN. OR<br>("5574247").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR   | OFF | 2006/12/15 10:42 |
|-----------------|----|--|---|------|-----|------------------|
| S4              | 2  | ("5338363").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/01/25 12:00 |
| S5 <sup>*</sup> | 0  | 2003/0205202   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/01/25 12:00 |
| S6              | 2  | "20030205202"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/01/25 12:00 |
| S7              | 0  | ("2003/0205202").URPN.   | USPAT   | OR . | OFF | 2007/01/25 12:01 |
| S8              | 8  | 2003/0049372   | USPAT   | OR   | OFF | 2007/01/25 12:04 |
| S9              | 0  | "20030049372"  | USPAT   | OR   | OFF | 2007/01/25 12:04 |
| S10             | 6  | "20030049372"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/01/25 12:04 |
| S11             | 8  | ("2003/0049372").URPN.   | USPAT   | OR   | OFF | 2007/01/25 12:21 |
| S12             | 0  | 2004/0216671   | USPAT   | OR . | OFF | 2007/01/25 12:21 |
| S13             | 0  | 2004/0216671   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/01/25 12:21 |
| S14 .           |    | "20040216671"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/01/25 12:24 |

| S15 | 74    | ("20020157611" "4217375" "4392915"<br> "4513021" "4537795" "4633809" "46<br>40221" "4716852" "4738748" "533838<br>3" "5356120" "5366585" "5453124" "5<br>500256" "5532190" "5556474" "55903<br>87" "5618349" "5647912" "5746834" "<br>5755886" "5792272" "5827390" "5851<br>284" "5884009" "5884009" "5885751"<br> "5972430" "5983906" "6050506" "60<br>59885" "6187101" "6200893" "630531<br>4" "6312526" "6312526" "6503330" "6 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/25 12:24 |
|-----|-------|---|---|----|-----|------------------|
| S16 | 5872  | 118/715.ccls. 156/345.33,34.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/25 16:45 |
| S17 | 4604  | S16 and (@ad<="20020610"<br>@rlad<="20020610")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/25 16:48 |
| S18 | 562   | S17 and ((showerhead shower adj<br>head) ((dispens\$3 distribut\$3 diffus\$3<br>dispers\$3) adj plate))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/26 07:51 |
| S19 | 562   | S18 and (@ad<="20020610"<br>@rlad<="20020610")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/26 07:52 |
| S20 | 48425 | ((showerhead shower adj head)<br>((dispens\$3 distribut\$3 diffus\$3<br>dispers\$3) adj plate))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/26 07:52 |
| S21 | 32054 | S20 and (@ad<="20020610"<br>@rlad<="20020610")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/26 07:52 |

1/26/2007 4:06:16 PM C:\Documents and Settings\Schandra\My Documents\EAST\Workspaces\10517345.wsp . Page 3

| S22 | 7109 | ((showerhead shower adj head)<br>((dispens\$3 distribut\$3 diffus\$3<br>dispers\$3) adj plate)) and wafer  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/26 07:53 |
|-----|------|--|---|----|-----|------------------|
| S23 | 4851 | S22 and (@ad<="20020610"<br>@rlad<="20020610")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/26 07:54 |
| S24 | 0    | ((showerhead shower adj head)<br>((dispens\$3 distribut\$3 diffus\$3<br>dispers\$3) adj plate)) and wafer and<br>(semi adj conductor adj equipment)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/26 07:53 |
| S25 | 5228 | ((showerhead shower adj head)<br>((dispens\$3 distribut\$3 diffus\$3<br>dispers\$3) adj plate)) and wafer and<br>(semiconductor adj equipment<br>apparatus)            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/26 07:54 |
| S26 | 3614 | S25 and (@ad<="20020610"<br>@rlad<="20020610")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/26 07:55 |
| S27 | 3471 | ((showerhead shower adj head)<br>((dispens\$3 distribut\$3 diffus\$3<br>dispers\$3) adj plate)) and wafer and<br>(semiconductor adj equipment<br>apparatus) and plasma | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/26 07:54 |
| S28 | 2386 | S27 and (@ad<="20020610"<br>@rlad<="20020610")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/26 07:55 |
| S29 | 5872 | 118/715.ccls. 156/345.33,34.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/26 07:55 |

|     |         | •   |   |      |     |                  |
|-----|---------|---|---|------|-----|------------------|
| S30 | 4604    | S29 and (@ad<="20020610"<br>@rlad<="20020610")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/01/26 07:55 |
| S31 | 562     | S30 and ((showerhead shower adj<br>head) ((dispens\$3 distribut\$3 diffus\$3<br>dispers\$3) adj plate)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/01/26 09:28 |
| S32 | 562     | S31 and (@ad<="20020610"<br>@rlad<="20020610")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/01/26 09:29 |
| S33 | 2087    | S28 not S32   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/01/26 09:27 |
| S34 | 1133639 | (h01l021/\$.ipc. c23c016/\$.ipc. c23c014/\$.ipc.)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF | 2007/01/26 09:30 |
| S35 | 6173    | S34 and ((showerhead shower adj<br>head) ((dispens\$3 distribut\$3 diffus\$3<br>dispers\$3) adj plate)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/01/26 09:30 |
| S36 | 4178    | S35 and (@ad<="20020610"<br>@rlad<="20020610")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/01/26 09:31 |
| S37 | 3663    | S36 not S32   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR.  | OFF | 2007/01/26 09:29 |

| S38 | 2350    | S37 not S33   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR              | OFF | 2007/01/26 09:29 |
|-----|---------|---|---|-----------------|-----|------------------|
| S39 | 1016705 | (h01l021/\$.ipc. c23c016/\$.ipc.<br>c23c014/\$.ipc.)  | EPO; JPO;<br>DERWENT;<br>IBM_TDB                                  | OR <sup>*</sup> | OFF | 2007/01/26 09:30 |
| S40 | 1745    | S39 and ((showerhead shower adj<br>head) ((dispens\$3 distribut\$3 diffus\$3<br>dispers\$3) adj plate)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR              | OFF | 2007/01/26 09:31 |
| S41 | 1737    | S40 not S32   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR              | OFF | 2007/01/26 09:31 |
| S42 | 1660    | S41 not S33   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR              | OFF | 2007/01/26 09:31 |
| S43 | 1147    | S42 and (@ad<="20020610"<br>@rlad<="20020610")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR              | OFF | 2007/01/26 09:31 |

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